

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE PCT NATIONAL STAGE APPLICATION OF
KÜRNSTEINER ET AL.

INTERNATIONAL APPLICATION NO: PCT/EP2003/010289

FILED: 16 SEPTEMBER 2003

U.S. APPLICATION NO: Not Yet Known

35 USC §371 DATE: Herewith

FOR: PROCESS FOR THE PRODUCTION OF CEPHALOSPORIN C

MS: Amendment

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This paper is being filed within three months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 of the international application. Therefore, no fees are required. If a fee is deemed to be required, the Commissioner is hereby authorized to charge such fee to Deposit Account No. 19-0134.


In accordance with 37 C.F.R. §1.56, applicants wish to call the Examiner's attention to the references cited on the attached form(s) PTO-1449.

The listed references were cited in the international stage search report. Since these references are of record in the instant PCT application PCT/EP2003/010289, copies are not enclosed herewith.

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 form(s).

Respectfully submitted,

Novartis
Corporate Intellectual Property
One Health Plaza, Building 104
East Hanover, NJ 07936-1080
(862) 778-7945


John D. Thallemer
Attorney for Applicants
Reg. No. 34,940

Date: 3/11/05

FORM PTO-1449
(REV. 7-85)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE**INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)

ATTY. DOCKET NO.
IB/G-32677A
APPLICATION NO.
Not Yet Known
APPLICANT
KÜRNSTEINER ET AL.
FILING DATE
Herewith**10/527552**

Group

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AM						<input type="checkbox"/>	<input type="checkbox"/>
	AN						<input type="checkbox"/>	<input type="checkbox"/>
	AO						<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>
	AQ						<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

AR	Connerton et al., "An Acetate-Sensitive Mutant of Neurospora-Crassa Deficient in Acetyl-CoA Hydrolase", Journal of General Microbiology, Vol. 138, No. 9, pp. 1797-1800 (1992).
AS	Malmberg et al., "Identification of Rate-Limiting Steps in Cephalosporin C Biosynthesis in Cephalosporium Acremonium: A Theoretical Analysis", Applied Microbiology and Biotechnology, Vol. 38, No. 1, pp. 122-128 (1992).
AT	Marathe et al., "Duplication-Induced Mutation of a New Neurospora Gene Required for Acetate Utilization Properties of the Mutant and Predicted AMino Acid Sequence of the Protein Product", Molecular and Cellular Biology, Vol. 10, No. 6, pp. 2638-2644 (1990).

EXAMINER**DATE CONSIDERED**

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

FORM PTO-1449
(REV. 7-85)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE CITATION

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EXAMINER
INITIAL

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

BA	Shen et al., "Levels of Isopenicillin N Synthetase and Deacetoxycephalosporin C Synthetase in Cephalosporium-Acremonium Producing High and Low Levels of Cephalosporin C", Bio-Technology, Vol. 4, No. 1, pp. 61-62 (1986).
BB	Skatrud et al., "Use of Recombinant DNA to Improve Production of Cephalosporin C by Cephalosporium-Acremonium", Bio-Technology, Vol. 7, No. 5, pp. 477-485 (1989).
BC	Ullan et al., "A Novel Epimerization System in Fungal Secondary Metabolism Involved in the Conversion of Isopenicillin N into Penicillin N in Acremonium Chrysogenum", Journal of Biological Chemistry, Vol. 277, No. 48, pp. 46216-46225 (2002).
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EXAMINER

DATE CONSIDERED

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.